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FILE COVERS 1907 - 27 Aug 2002 VOL 137 183 9 FILE LAST UPDATED: 25 Aug 2002 (20020825/ED)

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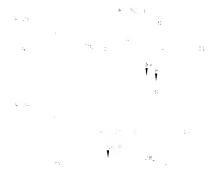
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4-[2-(1,i-dimethylethyl)-3-oxaziridinyl]-N,N-dimethyl (9CI)
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L2c ANSWER 54 OF 89 CAPLUS COPYRIGHT FOUR ACS ACCESSION NUMBER: 1995/50487, CAPLUS IC OMPTO NUMBER 107/14871 ICTICE 107/14871 Jectimariaes Profesynthesis and obligate 10x AT 208 a second WEIGHT OF PUBLISHED OF ACE dont inued Part 18 Photosynthesis and ph toracemization ef opt. Waily astive maziridines
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Similarly, chiral nitrones photoleairanged in achiral solvents with an opticum diastereoisomeri excess of 2000. Temp., solvent, and substituent effects on the asym. synthesis of oxaziridines were examd.

Oxaziridines with a p-nitrophenyl substituent underwent photolacemization and photoepimerization.

59905-68-99 folial-68-2P 60183-42-8P 88376-32-3P 97792-04-6P 97859-47-7P 97905-40-3P FIL SPN Synthetic preparation: FREE Freparation prepin of, by photoshem, rearrangement of nitrone FL examindine, 2- hirdony-hydethyl ex 4 nitropien, . 2P transition of the content of the 14 INCES NAME Lightly and a simple street after a simple street  $A_{\rm c}$ Que ADSWER 54 OF 89 CAPLUS COPYRIGHT S L ACS · Ē. N Pr. GTP-2-04-6 CAPLUS Oxaziridine, 3-(pentamethylphenyl) 2 (l-phenylethyl)-, [JR-(2.alpha.(S\*) 3.beta []- (SOI) CA INDEX NAME). . (Free-chi Arius galindinė, 3 4-romapheny, -2- lephenylethyl , (29-lerga, 8° infeta., - (1 CA 1818) NAME Ph CH Me Ph mig on 8.55 21. 'H Me DE 15 Me 5.r PN 97905 40-3 CAPLUS CN Geatifidine, 3-(4-bromognenyl)-2-1,1 dimethylethyl-, (2P-trans--C) 

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CN Pytrolidine,
1-[[3-/2-chloro-5-nitrophenyl -2-oxaziridinyl];sulfonyl,-2mathoxymethyl:-, [28-,2.alpha.(R\*\*,3.beta.]]- (9CI) (CA INDEX NAME FOR State Continues and the continues of /n, in MeO CH2 N o Bit in Me o s > N 61 PN FROM A CAPIDS
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Buchiarelli, Maria: Forni, Arrigo: Marcaccioli,
Sergio: Moretti, Irene: Torre, Glovanni
Isr Chim. Org., Univ. Modena, Modena, 41.00,
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".jmethyl]sulfonyl]-3-(4-nitrophen/1)-,
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CN Swarindine, 3-(2-chior, 5-nitrophenyl)-2-([(?,7-dimetnyl-2oxobicyclof/2.1]nept-, y/:metnyl]sulfonyl]-, [2R
\_2.aipha...5\*,4R\*3,3:heta.]]- (9C1) (CA INDEX NAME) N 1 3 2 NO. 'H\_ RN +1.420-07-1 CAPLUS
CN CMATTRIGHTE, 2-{[13-brown-1,7-dimethyl-2-oxobirycioil.7.1]hept-/-yl)methyl|salionyl]-3-(2-chloro-5-nitrophenyl), [1F-|1.alpha..3.beta..4.alpha..7R\*(ZR\*,38\*)]) (9CI) (CA INDEX NAME) L26 ANSWER 62 OF 89 CAPLUS COPYRIGHT 2002 ACS (Continued) ٥ M

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CN (actificine, = (4-mitraplenyl)-2-(phenylsulfonyl) , trans- (9CI)

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active [ of 3-10* optical purity. Thus prepd. were (+)- and (-)-1
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CN Granting the, N-phenyl / [Sphenylmethyl.sulfonyl] , trans- (9CL
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ACCESSION NUMBER: 1981:440670 CAPLUS
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TITLE Electron spin resonance
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                                                                                                                                                                                              Electron spin resonance studies of spin
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   o s in
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Richiri O.
RN 8.467 %5-7 CAPLUS CN 0.046, ridine, 3-phenyl 2-sphenylsulfonyl)-, (2S-trans)- (9CI) (CA INDEX NAME
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J. Chem. Soc., Perkin Trans. (1981), (2),
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-effect is due to exidm. of the intermediate hydroxylamine
-:jenerated by nitroxide photolysis) by the okazir.dine I, which is
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7731-34-2P

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7731-34-2 CAPUAD

Okaziridine, 2000, 100 dimethylethyl) 3-phenyl (CA INDEX NAME)
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1.24 ANSWER 63 OF 89 CAPLUS COPYRIGHT 2002 ACS (Continued

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128 ANSWER 65 OF 94 CARRY COPYRIGHT 2002 ACS (Continued)
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TITLE: Themistry of oxaziridanes. 1. Synthesis and structure of . 4:FEMAS. Figure 1: Synthesis and structure of . 4:FEMAS. Figure 1: Synthesis and . 4:FEMAS. Figure 1: Synthesis and . 5: Synthesi
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1.1 ANSWER 68 OF \*\* 00 7 COFFRIGHT 2702 ACS Continued Die Ablastie bie Alles Treffer (2 Act Germanae) Ma ٨. 0 Mer RN 73844-94-0 CN Oraziridine, W EN THE TARREST TAILOS ON CONTRACTOR OF THE TAILOS ON CONTRACTOR OF THE TAILOR OF THE T : renenvi 2 ! (4-methylphenyl/sulfonyli-, o - s : N #N : 64x-95-8 ()

©N C aziridine, !

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CA INDEX N EN ARICE ARI "mulphenyl(sulfonyl)-3-.4 nitiophenyl"-, INTERNITIONE LIFE AMENUER 68 OF \*\*\* ""S COPYRIGHT 2002 ACS (Continued) Lie Alswes of or 89 Carlos COPYRIGHT 2002 ACS (Continued) PN 7.844-98-1 ON Oxaziridine. 4€ :::nenyl|sulfonyl|-3-phenyl , trans- '9CI INDEX NAME 1.02 A B G 8 . 1 0 -\_ N 1-EN CYCLIC NO. NO. CAELUS.
CN Oyserridine, 2.7(4 eclosophenylysulfonyll-3-phenyl , trans- (901)
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-EN EN COMME. O Ph RN 2:844-99-2 ... CN Okaziridine, NAME) c 0 : Me 1: 0 Ç Př. Pn RN 7:845-00-8 CN Ocaziridine, +CA INDEX NAME: RN 79414 WT & PAPILIS CN CONTINUES TOTAL Trophenylosulfonyll-2 phenyl , trans- PMC1 4A 10098 TAME [(phenylmethyl)sulfonyl) , trans- (9CI) ⇒ N : : CH2 - Ph 1-0 PN 1890-33-0 ,N Ctazirid: Frans /901

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AUTHORI.:. Toshini:o: Miura, COPYRIGHT 2002 ACS :197558 CAPLUS :47558

radical intermediates in the wizoquinone in ethanol solution . Shoil Doba, Takahisa: Mizuta,

- DCPKEH: ISSN: 0300-9580

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Hmig Yoshida, Hiroshi Png , Hokkaldo Univ.. Sapporo, 060, Japan Hm. Soc - Perkin Trans. 2 (1980), (1),

th. of g-benzoquinone (I) in EtOH was

-bencosemiquinone anion (II) are the

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... ANSWER 71 CF THYFIGHT 2002 ACS (Continued) LIFE ADDRSS OF SE CAPIDS COPYRIGHT FOR ACS ACCENTING MBEE TO 1 TABLE COMMENT IN MBEE TO 1 TO 1 TABLE TO 1 TABL . A., ramputo Thomas W Lep. Them. Diewe, Unit. Hiladelphia, FA. CRALENCE H. E. CRALENCE H. FOUR F IH. . Then so ... then someth  $1^{\frac{1}{2}+q}$  . .4 CLEN TOTAT ISSNE & 4441 Turna. FORLEY Me MN 125:8-11 cN Disarradirs
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c4CI) | CA -:1 2 oxobicyclo(2.2.1)hept-1trophenyl)-; Me Me NO CH. J. 0 ٥ N AB Selectial treatment of a complete lesuitonamide with Rockach Fr. F.a.

Rockach Fr. F.a.

Selectiones, and oxide party plaster followers mixts, of party clothers, and II. The oxaciridines were used for asymmoxides of PhSMe, p. Meiral SMe, and PhSCMe; in CHIIs at 25 or party clothers. Represented the Proceedings of the Proceedings of the Procedure of the Proce CH2 Aert er tothe to Help. Their obtical purity was i.e.f. times PN '0581-74-9 CN Okaziridi: ylimethyl' [LS-{2.alpha.:: (9CI) (CA reflection to the second of th hyl-2 okobicyclo(2.2.1)hept-1trophenyl) -126 ANSWEF 72 : ACCESSION NUMBER DOCUMENT NUMBER TITLE: type of PYRIGHT 2002 ACS L26 ANGWER TO OF 59 CAPIUS COPYRIGHT 2002 ACS (Continued) - 16B CAPLUS tion reaction of ylide. 6. A new ٥ 'stion reaction of aziridinones bshiteru: Watanabe, Masamichi ib., Shionogi and Co., Ltd., Osaka, Japan Chem. Soc. (1979), 101(5), 1323-4 'ACSAT; ISSN: 0002-7865 N NOC AUTHOF (S) CORPOPATE SOURCE: 0 S ; CH. DOCUMENT TYPE: LANGUAGE: P O RN [2]-, CA CAPLUS CAPLUS CN OXALIZIDADE, 2-([17,7] dimethyl-2-oxobloyclo(2,2,1)hept-1 yl methyllsufonyl) 2-(2-nitophenyl)-, [2S-(2-a-pha-1HF, 4S-(,3-neta-)) (9-(-) GA INGEN ARME. II F CMe 3 I AB Aziridine:

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This apper:
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CN Oxaziri: 0 3 example of ring-C oxidn. of the CH :=:n); PREP (Preparation) -thyl)-3-phenyl- (901) (CA INDEX NAME) t - Bu N 0

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("CI) 0 Thes gave diastereomeric oxaziridines chiral substituent connected to N and CHC RN 66%4-\{5.7 CAPLUS CN Bendaldehyde, 4-(2-cyclohexyl-3-oxazırıdınyl\-, cis- (9CI) (CA similar inductive effect on the newly ine ring. A correlation of the INDEX A NAME f known abs. configuration was made 3-2P -7-8P 10-6P , withetic preparation); PREP N n of I 0 enylethyl)-, Pn ⊂H- Me 1. 0 Рh 5-1907-1 RN

CN Owazir (25-[2 alph (9CI) remylethyl)-,

LZE ANSWER 74 . - FIGHT 2002 ACS (Continued) 126 ANSWER 4 OF 49 CAPLUS COPYRIGHT 2002 ACS (Continued) Pt. JH 34 N C 24. RN in .c. zelos TM Power Line scheny. I chenyletnyl . 25 . (s) Figuraphy . 321 QAINGES HAME FN 6:813-97 CN Ocazirio alpha :-2-(1-phenylethyl)-, TR-CA INDEX NAME Pr. h S ан ме N N 0 Ph RN 63813-9-CN Oxaziri . a.pi :-2-(1-phenylethyl)-, [2R-.) (CA INDEX NAME) Ph Ph ČH Me СН Ме N Ν Ph. o · 61 cb--. S CAPLOS Obsair.dine, 2-[5-methyl-2-(1-methylethyl)cyclohexyl]-3-phenyl-, [.F I s.pha.US\* 38\*: 2.beta..5.alpha.]] (9CI) (CA INDEX NAME) PN 6.813-6. CN 0..azit= [1R-[1. methylethyl;cyclohexyl}-phenyl-,
,5.alpha.]}- (9CI) (CA INDEX NAME) ..2€ ANSWEF : 126 ANEWER 4 OF ME CAPINE COPTRIGHT 2002 ACS (Continued - FRHT 2002 ACS (Continued) Ph CH Me 1 - Pr N N O HILL . RN 6.514 Gr CARLUS.
CN 0.attrigume, 2-[5-methyl-2-(1-methylethyl)gyclohexyl]-3-phenyl-, [,R-]l.alpha.([5\*,.R\*) 2.beta.,5.alpha.]]- (9CI) (CA INDEX NAME) 1 - Pr RN func. -- CAPLUS CN Oxadic.dine, 3.4-bromophenyi)-2 (1-phenylethyl.-, [2S-[2.4]pdb.85\*,..beta.] - (901) (CA INDEX NAME) Ph CH M∈ N 18 RN 63804 1. CAPLUS CN 0xx..:(ine, 3 (4)bromophenyl; 2-(1-phenylethyl)-, [2s-[2.4,ph...s\*\*,...alpha.]]- (9C1) (CA INDEX NAME)

Lit ANSWER TO FIRE CAPLUS COPEFICHT 2007 ACC ACCESSION ILMBER: POTE FREE CAPLUS COCUMENT HOWER: 871.80.00 to TITLE: PROTOCYSES of District Protocyses of Tabus, 5: Trankin A.; Nadir, Upender K. CERPSRAME SQUEGE: Dept. Chem., Drevel Univ., Philadelphia, Pal. Tetratedro: Lett 197 ; (20): 1721-4 COMEN TRIKAY GOLDO: GOG.122 ECA ÉCURCE. SHIGHMENT TO FE ⇒ ci — Ph fit = 4 h hestited in N=O bend cleavage and formation (22-55/) of #RCHH35.5Mbl. Mind: Fidoucts were 4-RC6H4SOZNH2 and PhCH0. Photolysis of I :R = Mind flooding west and the tresence of 0, a trip,et quenches, did not affect the t.... 4 Me  $_{1.01302\rm NHB2}$  (II.) nowever, in the photolysis of I (R - Me) in 16 McC. Fonto C6HE, both triplet sensitizers, the yield of II was , we ex Merco we end and the of wildonamide incleaded. Thus the unuse is formed from the oxadir.dine singlet state whereas the minor products, a MeTeHIADIDHA and on the land and PhONE, were formed from the oxazirioine triplet state. 64705-26-6P 1: 64705-26-6P
R. RCT (Reactant); SPN (Pynthetic (reparation)) PREP (Preparation); preph. and photolysis of, mechanism of Rt. 647/5 Take CAPLUS
(h. Oktobrish, 2-((4-methox,phenyl)subfonyl) 3-phonyl-, cis- (SCI) INDEX NAME)

> L26 ALSWER 76 OF --TYRIGHT 2002 ACS (Continued) 0 5---0 N iringlaulfonyl) - (9CI) (CA INDEX NAME) 0.caz1r1d1: 31 RN 63160-14-5 CN O(azīrīdine) INDEX NAME) · · · · nyl)sulfonyl]-3-phenyl· (9CI) (CA 11

L26 ANSWER 75 1:

И

:YRIGHT 2002 ACS (Continued)

srabi – oxacırıdıne der.vatı es Fav.s Franklın A.; Natır, ∣pender K.; Klüger, CORPORACE SCURCE: Dep Them., Dretel Unit., Philadelphia, Pa., UJA S DURCE: J. Chem. Soc., Chem. Commun (1977), (1), 25-6 CODEM JCCCAT Journal DICUMENT TYPE: LANGUAGE: G: 0 ROZN Ph I AB The title oxaziridines [ [R = Me, H. Cl., N. 2] were prepd. by **oxidn** . of 4 ROCH45(O)mN:CMPh (n = 0, 2) with 5 ind 2 equiv, resp., m-ClCEH4C(O)OOH. Refluxing I in CHCl3 con g. small amts. of EtCH M20 for 5-4- h gave 20-56: PhiHO, 14-32 PhCN, 45-75: 4-RC6H4SO3H, 5-25  $4 \cdot R / (643.70 / NHZ)$ , and  $12 \cdot 3$ )  $4 \cdot R \cdot C \cdot C \cdot H4 \cdot S \cdot C \cdot E$ . I (R = NO2) also gave 10-18 4-0.39(H-4SO3H.HON CHPh. The decompn. may involve formation of 4 BT6H-8SO3N+-0-(:CHPh whith is attacked by HZO or EtOH or 4 PTCH-SOLN-G-FICHEN which is attacked by MRG in ECOM or retained 4 PtCh-Soln-CHPH. Fragmentation of I to a nitrine and/or radical interminates can explain the formation of PhCHO and 4-PCCH4802NHZ.

IT 63160-12-39 63160-13-49 63160-14-59
63160-15-69
Pit FRY Seartant: SPN (Synthetic preparation: PREP (Preparation: SPN Gight, and thermal decompn. of, mechanism of;
RN 6316-0-3 CAPLUS
CN OXACTICINE 2-[(4-meth/phenyl:sulfonyl):u-phenyl- (9CI: CAINDEX NAME

RN 63160-15 -CN Okazirid. INDEX NAME)

[])sulfonyl]-3-phenyl- (9CI) (CA

L26 AUSUFF 3 OF 44 CAPLUS COPTRIGHT 2002 ACS
ACCESSION DIMBER: 1976-4774c4 CAPLUS
DOCUMENT 1, NeFt: 85:774c4
TITLE: Stodies on the configuration at chiral
nitrogen.i.  $\label{eq:continuous} $\mathbb{P}^{-1}(S^{-1} \cdot \gamma) = \mathbb{P}^{-1}(S^{-1} \cdot \gamma) = \mathbb{P}^$ AUTHOP (S : Dauter, 2.; Borowski, E.; Belzeck., C.; Mostowici, :: CORPORATE FOURCE: Gdansk, Dep. Pharm. Technol. Blochem., Tech. Univ., Pol. Tetrahedron Lett. (1976), 13), 1)25-8 CDDEN: TELEAY Jurnal English SOURCE DOCUMENT TTPE: H CN Бr Ph: AB Oxidn. of E-(+)-p-Brc(F4CN:NCHMePh with m-ClC6H4C(0)OCH gave a 58.500.7015.9:4.9 muxt. of chaziridine diastereoisomers. The abs. continuitation of the predominant isomer I was detd. as (+)-2R,3R by x-ray anal.

7 60183-42-8P 60183-43-9P 60183-44-0P RL: PFI -properties); SPN (Synthetic preparation); PREP Preparation

8 preparation

9 preparation

60173 line CAPLUS

10 Oxm. lines 3 (4-bromophenyl):2-(1-phenylethyl)-, (25-f2.0)pha. R\*\*, s.beta.]] (\*Ct) .CA INDEX NAME) Ph CH Me 

L. 6. AN. WES . OF 49. CAPLUS COLYRIGHT 2002 ACS.

Nc.

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21

L26 ANSWER 77 OF ACCESSION NUMBER: DOCUMENT NUMBER: TITLE: acid as an FYRIGHT 2002 ACS :661 CAPLUS tion of the use of peroxycamphoric ric oxidizing agent W. H.; Rinaldi, P. L. em. Sci., Univ. Illinois, Urbana, Ill., AUTHOR (S) -CORPORATE SOUP :: Them. (1977), 42(12), 2080-2 CEAH SOURCE: DOCUMENT TYPE.
LANGUARE.
AB The usual resignments
gives significances of
asymm ind.
dse of
this sind. monopercampnoric acid for asym. · 2 isomers giving opposite stereochem. . Isomers can be obtained cryst, and induction leads to optical yields of this sind.
chira.
sulfoxides.
previously
reported w
2:tert-b.
enantimeric -aziridines 50-100 greater than rs In 1 of the more favorable cases, .:oka21ridine was obtained in 60° i d n). PREP (Preparation) 1)-2-(1,1-dimethylethyl)-. (2S-trans)-::A INDEX t - Bu 0 RN 6.058-7

N O

LIC AFFORM OF PM CARLOS DESPIDED COMPACS
ACCESSED ON SERVICE SERVICE WELUS
FORMER TOTALS
PROTOGRAMMO ACCESSED AT A CONTROL OF THE CONTROL OF 1,2x ANSWER 79 · :YRIGHT 2002 ACS (Continued) Phetory emiration at a chiral pyramidal Me nitroger. center Byergo, Genannes: Boyd, Derek R.: Campbel.. AUTHOR : N Not., limin 2. Leg. Yem., \_deen's Univ\_Selfast. Be.fast. N CORECEATE ite sounce 1. Stem. 1 e. Sh c.ina. Eng..s. RN 59% 5 ee ON OWAZIFIGU: 90I CA INDEX NAT TILOMEN LANCE AUF .. -0--4-mitropnenyly-, trans-/-.i-Pr n i N the responding imines, underwent photofacemization by a mechanical of instance of bond in the second of the second AB optimizely active oxagiridities, prepd. by asymmetric **oxids**, of the cressionaina immiss, underwent photoracemization by a mechanism in a creaming for bond pleavage and formation of a mitrone 1 - 1 - 3 - (4-nitrophenyl , Fis- .- 1 - 1901 INCIED NAC 1 - P.L ć Rh 5 -- 05 - 69 Ch O-azirii FCII (IA INI: Μe LIE ANSWER | ACCESSION N DOCUMENT NUM. TITLE: LEF MINER - OF ME DAPLUS CONTRIBUTIONS ACS Continued. FIGHT 2002 ACS : azoky compounds. III. Reduction of kane dimers as an approach to • Бъ symmet:.cal ne synthesis A. Grant: Chi, Min-Shong: Clark, 0 ANTHOR 3): Melvin 3. NOT CORPORATE SOUR -m., Univ. Louisville, Louisville, Ky., USA SOURCE Chem. (1976), 41(7., 1131-5 DOCUMENT TYPELIGHTUNET
(G) Product
AB Cataly.

Gatalys.

Maining 1 analysis overrein

Promes A preparable by peracet:

17 39245-63 37527-57
Eu RCT (pr.

RN 56485-7 CN Obazir DOCUMENT TYPE A Issue. :ospalkane dimers (I, using Pd/C roach to low mol. wt. symmetrically - method appears to be useful for e2, tyclohexyl:; for I(R = Me; action. The requisite I were -nzaldimines (III) or by direct -56**-7**P .-, Gis- (901) (CA INDEX NAME) Me ţ. Ph 4 (264 Olazi: .-, trans- :9CI (CA INDEX NAME) N

RN

57527-56

L26 ANSWER - OF 89 CAPLUS COLLECTION 2002 ACS (Continued) CN Charttaine, Frethyl 3 pheny, Fors- (9CI) (CA INDET NAME) L26 ANSWER H. . :FIGHT 2002 ACS (Continued) n-Bu E: N 0 Ph 5/52/ 5. 0xazirin :-, trans- (9CI) (CA INDEX NAME) RN 5 % - MELCS IN Clair, the Sethyl Tophenyl , trans - 901 - CA INDEX NAME. a-Bu ٤, N Ρn Ph | 1T | 57527-58-9P 57527-59-0P 57527-60-3P | 57527-61-4P | RL: SPU: Synthetic preparation: PREP (Preparation) | Trippin of | Trippin of | SZCC-Pack CAPLUS | CN | Distribution, J=(limethylethyle-3 phenyle, trans- (9Ct) | (CA INDEX NAME | CAPLUS | t. RN = 5 all to a CAPLUS CN = 3 artificine, 3 phenyl (2-trigyolo[3.3 1.13,7]dec-1-yl s, trans-(9CI) = 0.5 | roles trade: 167 RN = 5.5% of a GAPLOS CN = 0 agl::grid, 2-butyl=7-phenyl , cis- (9G) = (CA INDE); NAME: L26 AUSWES N. OF S9 CAPILS COPYFIGHT 2002 ACS
ACCESSION DIMERIN: 1976:43440 CAPILUS
DOCUMENT NUMBER: 84:13450
TITLE 89 Synthesis of N-obygenated products of 3.4-dimethoxyamphetanine and its N-alkyl L26 ANSWER 81 TIRIGHT 2002 ACS (Continued) RN 58379-97 CN Oxaziri9 2-[2-(3,4-dir (9CI) ( · · ylethyl]-3-(4-nitrophenyl)-MeO. N-oxyd-hat-d
(d-til- of the title domod. I: R = H, R. = NHOH) fill, an
N-oxyd-hat-d
(d-til- of the title domod. I: R = H, R. = NH2: 'III , was prepd
(62.3 .);
N-bBis.L redn of the oxime : R,Rl = NOH). Similar redn. of a
MeOH As.fi.

of II and F2CHO (62 v H Ph. gave the corresponding P,Nd alkyd-yddroxylamines I [R = H, Rl = NOH) (NHCH-2Ph], while
condensation of II with R2CHO followed by extensive drying gave the
fictions I [R = H, R. = N[O] (CH2, N[C]) (CHPh, resp.). Oxidative
find plasmatic of I (R = H, Rl = N(CHPh), N(C) (CHPh, resp.). Oxidative
find plasmatic oxidiridines III (P = H, NOL, resp.) while similar oxida
of III gave 40 [ R = H, P] = NO) The N-Me deris, of III was
prepared. - I preparation of NaBH3CN reds. of a MeOH sols, of I (R.R1 = O) and MeNH2 while the (9CI) (CA INLEX NAME) MeO CH.

Ρh

L26 ANSWER - 19 44 CAPLUS COPTRIGHT 2002 ACS
ACCENSION NUMBER: 1945:IT. CAPLUS
COCUMENT COMERN: 84 1715TITLE ASTRONOMER BETTER SYNTHESIS OF ORAZITIGINES
ASTRONOMER 1975:ET Inst. 013 Chem., Po. Acad. Sci., Warsaw, Pol.
100RCH: 100RCH: 1975, 40 2ct, 3878-80
DOEN OCEAB
SOURMENT 1057
SOURMENT 1057
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AND SACRET BETTER A Same.
POXION OCEAB
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P. ORIGINAL OF STREET A Same.
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SOURMENT 1057
P. OXION OCEAB
TO THE FORM OF THE PROPRESSION OF T :henylethyl)-, PH 'F Me ٥ RN 59907-11 CN Graziri ----nylethyii-. (2R-;2 alph: 56830-31-0P 56907-12-1P 56907-13-2P 56907-14-3P
BL self Synthetic preparation, PPEP Preparationprets of.
FN 5668: 31-9 CAPLUS
CN CHARLES - CAPLUS
CN CHARLES - CAPLUS
CN CHARLES - CAPLUS
CN CHARLES - CAPLUS - N 0 Ph · / / -175 CH Ms H. Gartistic (APARE)
H. Gartistic (Teberal College Phanyletnyl C.
J. Lauper St. (Leeta | Leeta CH M N 1 C ADDRESS OF 89 CAPLUS COPYRIGHT FOCE ACC ASSESSION NUMBER 1974/43/798 CAPLUS LOUMED MUMBER: 8, 37794 TITLE MARKET MARKET L26 AMSWER 83 ST TIPYRIGHT 2002 ACS (Continued) Merabolic products of microorganisms. 130. Synthes is of .delta..H-hydroxy-L arginines W.imer, Jeelg. Keller-Schierlein, Walter Org.-Chem. Lab.. Fidg. Tech. Hochschi, Zurich, t-Buo t-NH = A THOR ID: CORPORATE SCURCE (CH2) 3 - CH- . E waith... SINDROE Heiv. Chim. Acta 1974;, 57(3), 657-64 CODEN- HCACAV N IT 53053-96-61 3-98-8P theight testing the B will see assume \$1.00 \text{ with 1-MedCeH4CHO} The \$1.00 \text{ High B H2 with 1-MedCeH4CHO} The \$1.00 \text{ H2 H3 H3 CH2 H3 H3 CH2 H3 CH2 H3 CH2 H3 CH4 53202-67 - · · 53228-57 -RL: SPN (pre: RN 50053-CN 0xaz1: .on); PREP (Preparation) .-, cis- (9CI) (CA INDEX NAME) (CH2)5=M N

RN 55053-97." CN 0:azii.

RN 5.053-98--CN Oxaziridi

M

(CH<sub>2</sub>) - Me

Ŋ

ICHE - Me

RN | 10.2: 88-2 CEPLUS CN | 1-6xabilidingentance acid, .alpha. [[:,!-dimethyletho.y/carbonyl]amino]-...-d methoxyphenyl]-, 1,1-dimethylethyl ester (901) | (CA INDEX NAME

.

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" | TRIGHT 2002 ACS (Continued)

- '.ylphenyl) - (9CI) (CA INDEX NAME)

- n-thoxyphenyl) - (9CI) (CA INDEX NAME)

FIRIGHT 2002 ACS (Continued) LAG ANSWER - - OF 89 CAPLUS COTTRIGHT 2002 ACS (Continued) L26 ANSWER 4 CHORN M 0 N t-Buo C : CH2:3 N 0 Ph RN 6322R 63 EN 2-Cxa7 alpha.-[[]. 3-pheny. GI CA INI) :onyllamino;. ester, [2S-[2.alpha: R\*..3 alpha.]}-\* \$ a ' | | | | | | | | | | | | 7H, 1 div. 1 t-BuO C : 54 (CH<sub>2</sub>)3 € Ph N RN 52... CAFIUS

EN 2-03...S. Enepetianoic acid.
Laipta... dimethylethony cast.n., amino;
3-pten..., dimethylethony cast.n., amino;
5-constant dimethylethy, estet, [CB-[C.alpha. 6\* ,3.beta.]] <
101
CA Chila SAME 0 t 800 0 NE 0 CH, W SBu t K 26 Pd ii. APLUS

CN 1-2. interpentancic acid.
(alpha. dimethylethocycoarronylamino)
(phen. i.i dimethylethyl ester, [28-[2.alpha. R\* ,3.beta.]]
(901. ACCESSION LOMES TO CARLOS CONSISTED TOWN ACS

ACCESSION LOMES TOWN ACCESSION LOMES TOWN ACCESSION LOMES TOWN ACCESSION LOWER TOWN ACCES FYRIGHT 2002 ACS LIF ANSWER PT ACCESSION NUT DOCUMENT NUT TITLE: of oxidation of Schiff bases to % by peroxy acids in various solvents rshal; Clapp, heallyn B. im., Providence, R. I., USA . Chem. Soc (1969), 91(22), 6078-83 ACSAT AUTHOR(S): CORPORATE SO' SOURCE: DOCUMENT TYPE coxybenzoic acid **oxidn**, of two series stated N-benzal-tert-butylamines and cenzylamines, were -1.75 and -0.98, oxactricities with (\*\*percy)/sumprofic acid. In several oxactricities.

oxactricities.

optical activity is due sole, / to the non-inverting N atom. Stemela activity during oxach is both temp, and solvent dependent. A suitable oncine of conditions produced "yile 4-ch.or.phenyile"

2-term intyloxactricities of high optical rotation [[.alpha.]436] those acids as catalyst was +0.22. The smal. IT 20378-51-2P ., activation parameters in one case, along with th ZUJNP-DI-ZF
REI 3F: Synthetic preparations, PREP (Preparation)
astometric synthesis of:
203F=117 CAPLUS
Oxaclipine, Stert-butyl synenys, S = (8C1) CA INDEX NAME ed a concerted mechanism pictured as he C:N bond of the Schiff base on nucleo the peroxy O 3400-27 25105-4 25105-7 RL: Series (p: RN 3400-2 CN Oxazir: 62-8P -65-1P t-Bt. 11 ...; PREP [Preparation. Рħ trophenyl) - (9CI) (CA INDEX NAME) \* 12 ме مسلم ورسر Ν RN 238 --CN Oxa21 1-2-(1,1-dimethylethyl) - (9CI) (CA INDEX

NAME :

C1 t Bu N 0 Where the contrast of the con DIN RN 251,5 ( CN OMAZIE: INDEK MAME: de, k .1)-3-(p-nitrophenyl) (8CI) (CA 02N RN 2°105-E CN OPAZIEI INDEX HAME) 'ÿ1)-3-(p-nitrophenyl - (8CI) (CA 0<sub>2</sub>N RN (1.10) CAPLUS CN Oxadir: whee, 2-,m-chloroben.y. (3-)p-nitrophenyl. (BCI) (CA INDEX MAME LICE ALGMER E-ACCESSION NO HOCUMENT NO TITLE: AUTHOR(G): CORPORATE S HOURCE Lik ANSKER - OF 89 CAPLUS TERESHT 2002 ACS (Continued FEFIGHT 2002 ACS vziridines 19. Jyotirmoy: Truitt, Price 18 State Univ , Denton, Tex., USA Lem. (1969), 12. 961-2 MAR | DOCUMENT Tr | LANGUAGE: | SI | For dia | For He CA Issue.
by oxidm. of the corresponding TOZOH.
-56-8P
-59-1P
-62-6P
-86-0P
-7 PREP (Preparation) 02N .1-2-cyclohexyl- (8CI) (CA INDEX 0 FN 2389-(N Oxast NAME) :1-2-cyclohexyl: (8CI: (CA INDEX N RN 2384 CN Oxaz nitrophenyl) = (8CI) (CA INDEX NAME)

126 ANSWER -

FIGHT 2002 ACS (Continued)

DIR ANSWER OF THERE CAPTUS FOR DATE OF ACS COntinued

1.4 ROWER - FRE MARBUS (1981)BT 2002 ACS CONTINUED	LZE ANGWER	FigHT 2002 ACS Continued
	t - Bu	
	N	
N	٥	
	R4 2339P	
्र स	ON OKAZII. INDEK	$(-1)^{-2} \cdot (1,1) - dimethylethyl) - (901) - (CA)$
RN 1,384 TARDUS	NAME:	
TN saz. i.e. T-dyplonexyl - minitrophenyls BCI CA INDEX NAME:		
	: Bu	
	N	
	5	
V		
	54 % +d5 '	
	3N 0 121:	o-mitrophenyl - +8CI) (CA INDEX NAME)
RN - 73995 - CAPLUS CN - Cxapir.tine. 2-cyjlohexy 4 mitrophenyl) - 9Cl) - (CA INDEX NAME:	t - Bu	
	N	
	o	
	O2N	
N.	52H	
v v	RN 19898	m-nitrophenyl) - (8CI) (CA INDEX NAME)
Heg		
RN .389: · . CAPLU3	1 - Bu	
CN Oxazi: Hise, 3-13-chlorophes, 7-7-1, 1-dimethylethyl) (901)CA INDEX	N	
NAME.	c F	
	BN 1 -98-6	
	CN O-szir:	:nenyl- (8CI) (CA INDEX NAME)
L2+ AUSWER + 19 44 CAPLUS 1.10-P.10-HT 2002 ACS Continued	ACCESSION N	FIGHT 2002 ATS E CAPLUS
Me	DOCUMENT NU: T:TLE	$\gamma$ of cumulated double bond compounds.
2H €r	WII. AUTHOR TI:	if diphenylketene with oxaziranes foshiki, Minami, Toru, Yasuda,
N	K. yosh.	shio
o en	CORPORATE S SOURCE	v   Suita, Japan  n Lett   (1969), (4), 263-5
KN .a-1. SAPLUS	DOCUMENT TO	EKY
CN Skazic case, 2-cyclonexy2 + 1,4 dimethoxypheny2 8CI; TCA INTEX NAME	LANGUA F: G1 Fir d1.	"A Issue.
	AR Oxidn, Grazii Me, Bu.	with PhCO2OH gave the . Ph, Et: Ri = H, H, H, Me, Me: R2 =
	e, lo	4-6.degree.'9 mm., 90.degree./1.5
	9 - de 1 60, 72	./0.4 mm., and 76.degree./60 mm. in
N	5 6: active 0 as	melding 7, 94, 90, 84, and 74
c	d• *d. : 6 e≅.	stirred in C6H6 with addn. of I at f ketone or aldehyde (RRIC:O) and the
2Me	prod. N-R2-s-1st.	matog. over Al203 gave
OM:	terra: given	⇒xazırane, R2, 'yıeld VII, and m.p.
RN .392. F CAPLUS CN Dwall: http://dwethrophenyl/-2-(1,1-dimethylethyl)- (901)	11. M- cycloheryl 3	: III, Bu, 5), 125-6.degree.; IV, 5-6.degree. VI, Bu, 38,
CN SWADIT: THE, SHIS, 4-dimechny) hebyl/-2-Cl, (-dimethylethyl)- (9Cl)  (CA INDEX TAME	115-6 acq: cart	-d by gas liquid chromatog. and ir
	spect:	., m/e 459 M+1, 402, 332, .nu.
t BG	.€'20, 1"4: cr =1.	-, 9.3. Elemental analyses for VII
N	are g.ven:	121rane N atom attacks the center C
0	atom of the F	ion of an saiphas lactam by release
Me	of a.de: PLTC	, reaction of the .alpha. lactam with
· 89	isolat.on IT 3400	μha. lactam was too unstable for -2P
	R	: PREP (Preparation.
	RN 34 CN Ora	(6CI, 7CI, 8CI, 9CI) + CA INDEX
	NAME)	

ACCESSION COCUMENT N TITLE: FUTHOR F). CORPORATE. CAPLUS active oxaziridines .v. Belfast, Belfast, N. Ireland n Lett. (1968), (43), 4561-4 EAY SOURCE COCUMENT TO LANGUAGE: GI Fo. di AB Im.ne Ph 2171) --- CAPLUS CHAZIFICHTHE, 2-butyl 3 pheny. (801, 901) (CA INDEX NAME) A issue. with (1S)-(+)-percamphoric acid (II) AB ACCION CHICLS FAM R2. [ alphi ally active exaziridines (III) (R, ., and n22D given): Ph, H, Me3C, .3, 1.5078; .alpha.-C5H4N, H, Me3C, 1.5000; Me2CH, H, Me3C, n Eu N -3.3.a+isi 61<sub>44</sub> '6H4, H Me3C, -11.3.degree., Ph 62.3.akur (ree. (-1.3.degree.), 47-8.degree. H, Et, -11.0.degree. (-2.7.degree.). The last 7 imines gave a mixt. of AN ...... PAPEUS ON ENABLY: LINE 1-0YOU CHIEF HAME 4. 3. L-cyclonexy; (nemy, 601, 701 801, 901; (CA 0.32: Separarle st.w -12.0 nt optical rotations and were NCMe3 at 29, 3, -18, -40, and ponding III with [.alpha.]22D (c ±.ċ, c+ 13 :ee., -13.2.degree., -36.5.degree., ànd and react2: ' t+7: pr c.f. -12.7 pr tereoselectivity depends on the N Te was shown in the **oxidn.** of .4, C6H6, Et2O, and Et0H to give the 22D (neat) =17.1. degree., 0 1.5.degree., +6.5.degree.. The îptica: p:1' enant::me' !r 20:2 20:> RL of the rotation of a pure 2-7P : PREP (Preparation) FN 2 :7 (N 0512 myl-, (-)- (8CI) (CA INDEX NAME) t-B. t-126 A/FW: ACCESSION FOCUMENT, TITLE: GHT 2002 ACS CAPLJS L26 ANSWER TE OF 89 CAPLUS CONTRIBUT 2002 ACS (Continued) RN [70]78 4 1 CAPLUS CN [0xazi:.i.i.e, 2 isopropy] | positrophenyl) = (601, 801) | CA INDEX : photochemical transformation of he an. :- s into
 ine group
 ; Denisov, V. Ya.
 Inst. Org. Khim., Novosibirsk, . piper. AUTHOR : ı - Pr :m. (1968), 4(8), 1486-90 AE USSR FOURCE N DOCUMENT LANGUAGE: GI For AB Hear 1-0-P--2 : ISH 0 Issue.
-inolanthraquinone (I) or
-inoquinone (II) gave 2-{1-thyloxaziridine (Ia) or
.-3-phenyloxaziridine (IIa). The
.ed out by exposing the alc. NO<sub>2</sub> RN 20378 '- " CAPLUS CN 0XBE(F.Sine, 2-ethyl-3-(p.h(trophenyl)-, (-)- (9CL) (CA INDEX NAME: solns 2 or 1986) ant: a and IIA Acetylates of 1 which was : (M. F., Shostakovskii et al., Rotation ( e not formed. The structures of Εt yy and their chem. reactions. N responding 9,10-diacetoxy deriv. 0 inno-2-(benzylamino)-9,10-Apon. and oxidm. of III gave Aquinone (IV). Reacting none with PhCH2Cl gave 1-chloro analog c I/. IT 194 PL. NO2 ne to give IV. RN 20560-1. CAPLUS PREP (Preparation) PN 19": N 3, . 2 - (3 - p h) ::dinyl)- (9CI)

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OTHER SOURCE.3 CASPHACT .3440566261 MARKAT .134405668

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and MeOH ... .at a space relocity of 10 0 1/1/h to give COTOMet2 with a space

1.00 yield (44). Use of the aluminosilicate carrier improves selectivity and eliminated oxalate product LIF ANSWER 4 OF & CAPLUS COPYRIGHT 2002 AJS (Continue)

LOW ANSWER 6 OF 6 CAPILS COPYRIGHT 2002 ACS ACCESSION NUMBER: 1990:1992:1 CAPILS DOCUMENT NUMBER: 116:12024 TITLE: Preparation of dialkyl

Preparation of dialkyl narronates by reaction

Colemon de with alkyl nitrits to Klausener, Alexander, Landscherich, Heinry Blank, Heinr Ulrich: Kipshajen, Walter Bayer A.-G., Germany Der: Offen., 4 pp.
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LOCUMENT TYPE:

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION: German

nitrices in the presence of supported platinum-metal catalysts in lower alcs. is

alcs: is claimed. Thus, reaction of CO with Me nitrite in the presence of Ed-Al203-b in MeOH under N2 gave 13.3° di-Me carbonate along with Me.

un Me oxalate.

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TITLE White Action of the preparation of Chalkyl-3arry.oxalisidines and
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presence of a base
[INVENTOR'S Kaubenet, A.exander: Langer, Reinhard;
PATENT ASSIGNEE: Bayer Aktuengenellschaft, Germany
SOURCE: PUT 1nt. Appl., 20 pp.
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LANGUAGE: German
FAMILY ACC. NUM. COUPT: 1
PATENT INFORMATION: PATEUTING, BINT DATE APPLICATION NO. DATE

WO 2002-0432 A. 20020, T WO 2001-EP7213 20010625
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BG. BG. SD, SE. SG, SI, SK, SU, TJ, TM, TR, TT, TZ, UA, UG, US. MU, 2A, 2W, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM MW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY. DE, EK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TF, BF, BJ, CF, CG, CL, CM, GA, GH, GW, ML, MR, HE, SM, TD, TG DE 10023074 A1 20020.17 CE 2000-10033079 20000707 US 20021.1335 A1 20020415 US 2001-859421 20010705 FRIORITY APPLN. INFO:: DE 2000-10033079 A 20000707 OTHER SOURCE(S): CASREACT 136:102374; MARPAT .36:102374

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48 Oxaziridines (i. h. - substituted) Ct-12 aryl, heteroaryl; R1-R3 - H substituted miambed Ci P alkyl, C3-F cycloalkyl, C7-Fe cicety.

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ACH NOPERIFF ... and R. R3 as above) with an arom, peracid or a sait

L30 ANSWER 1 or 1 CAPLUS COPYRIGHT 2002 ACS. Continued thereof in the presence of a water-so, base or solvent if 2),degree. 30.degree...
Thus, 2-propy! 4 n.trobenzaldimine in MeON was treated dropwise with 19 wr. Na2CO3 at 18 22.degree , followed by addn. of 20 wt. - magnessium magnesium monoperoxyphtha.ic acid hexabydrate and stirring for 5 h at 12-25.degree.

To give 6% 2-propyl=3-44-nitrophenyl/oxaziridine. The disclosed method is economical, safe to operate, and can'te carried out on an industrial scale.

\*\*EPEPROCE COUNT: 4 THERE ARE 4 CITED PEFERENCES AVAILABLE FOR THIS

RECORD, ALL CITATIONS AVAILABLE IN THE

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The following are valid formats:
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ALL ----- BIB, AB, IND, F.E.
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QUI ----- List of CA abstract numbers without answer numbers
CBIB ----- AM, plus Compressed B.bliographic Data
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AM, FI and PRAI in table, plus Patent Family data
FEIB ----- AM, HIB, plus Patent FAM
IND ----- Indexing data
IFC ----- International Patent Classifications
MAN ----- ALL, plus Patent FAM, RE
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STOR aind derivatives and a process for the preparation of polyhalogen substituted cinnamic acids and Timbari. Line, Walter Kornschaft, Tradium Frant. Markus Dockner, Michael Desmitt D.S. Pat Appl. Publ. Castle Mass. Estein 111 80010 PATENT ACTIONS . THEST INTE DATE CRUE! FACTI ACC TOME OF FACTOR INFORMATION: PATENT NO. KINL DATE APPLICATION NO. DATE

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1 01 RUSWER 7 OF 9 PAPILIS COPPRIGHT 2/62 ACS (Continued)

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prepd. in high and selectivity from nitrogen substituted aryl- or
heteroaryloxaciridines (Tr X = aryl, heteroaryl) e.g.,
T-tert butyl-3-phenyloxaciridine; by acid hydrolysis using

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1s. ANNWER, DE + MALUS CORRECORT () CLAU-ALTEROLIS NUMBER: 1.44 17 CARLY .-COMMENT NUMBER: 1371 // ... FILLE FIRST TO THE PROBLEM OF THE PRO Bridioxylamines and their cartosylic also saits by the acid by fullysis of any. or n tercaryuskarurakan Noment est Dockmer, Michaels Romann, Westington Position with Michaels Bessen, Helder Bayer A. J., Jermany Helderton, e.p. Helder, WENNA Stemmer FATERS ADDITIONER'S GAUGE CELL INCUMENT THE: INCOMPANT FAMILY AND, NOM, COUNT; ATENT INFORMATION;

KINT) DATE PATENT NO. APPLICATION NO. DATE APPLICATION NO. DATE

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CASE ANSWER 3 OF 9 CAPELUI COPPRIGHT 2002 ACS ACCESSION NUMBER: 1002 5,445 CAPELUI FOCUMENT NUMBER: 1002 5,445 CAPELUI FOCUMENT NUMBER: 1002 ACS MECHANIC FOR THE PROPRIATION OF FAIRLY STREET ACTION OF THE PROPRIATION OF A SIMILAR STREET ACTION OF A SIMILAR STREET

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OWTENT AMAINSE S 19.16 INCUMENT TYPE: ۵

"MANGUAGE: PAMILY ACC. NUM. COUNT PATENT INFORMATION" German

KIME CATE APPLICATION NO. TATE PATENT NO. WO 0000004432 AT 20000117 WO 0 0-BP7013 201. CO W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BC, BP, BY, BC, CA, CH, CN, CF. CV. UZ. 18, 18. 1M. 1Z. EL. ES. FI. GB. 41. 3E. 48. am, HP. HO. II. L. CH. S. TE. HE. FO. FE. KE. FO. IN. DF. IF. .e., LT. LU, LV, MA, MD, MG, MK, MN, MW, ME, M2, NO, NE, PL, PT, ic. PU. SI, SE, NJ, SI, SE, SI, TJ, TN, TR, TT, TQ, VA, US, US, nz. nv. 10. 2A. DW, AM. AD, BY, BO, BC. MC, PU, TC, TM RW: 488, 386, EE, LC, MW. MC. SD. GL, \$2, TZ. Ub, DW, AT. BE, H. Ci. DE, DK, ES, FI, FR, GB, GR. 11, IT, LU, MQ, NL, PT, SE, "R, BE,

o #1  $\mu=\epsilon^*=\mu 2$ . .

AB - Swarzingines (1. X - (substituted) Cf 12 argl, neteroargly Rf F3 sanstituted pradched: Vice alegi, Communicately, ComL31 ANSWER 3 OF 9 CAPING COPYRIGHT 2002 ACS (Continued) Ct-IC aryl; were prept, by oxidit, of the corresponding aldimine DCH:NCRF2R3 (X and RI-R3 as above) with an arom, peracid or a salt thereof in the presence of a water-sol, base or solvent at

'thereof in the presence of a water-sol, base or solvent at 3.0-detec.

Thus, 2-propyl-4-nitrobencaldimine in MeOH was treated dropwise with .?

Wt. - Na2CO3 at 16-22.degree., followed by addn. of 20 wt. / magnes.un

popoperoxyubthalic acid beyabydrate and stirring for 5 b at

magness.un monoperoxyphthalic acid hexahydrate and stirring for 5 h at 22-25.degree., to give 98° 2-propyl-3-(4-nitrophenyl)oxaziridine. The disclosed

to give 98' 2-propyris-re-incropachy. Some propyrish to operate, and can be carried out on an inclustruct.

A structure of the propyrish to operate, and can be carried out on an inclustruct.

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L8: ANSWER 4 OF 9 CAPLUS COPYRIGHT 2002 ACS (Continued) RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3. AUSWER 4 OF F CAPIUS COPYRIGHT 2012 ACR ACCECTION NUMBER: 2011/7629% CAPIUS LOCUMENT NUMBER: 355:70360 TITLE reparation of 4-hydroxy-a-natrobaphenyl by nit:a'ion of 4-hydrotybiphenyl with nitric acid in the of glacial acetic and Behri, Forst' Dockner, Michael: Flausener, Alexander Bayer Aktiengesellschaft Germany FIT int. App., 14 pp. DOCK: FINION String INVENTOR(S): PATENC ASSIGNEE(S): FOOLENT TYPE: LANGUAGE FAMIL: RIG. NUM. COUNT: PYTENT INFORMATION - A TOUT NO. KIN: 10TE APPLICATION NO. LATE
- C. No. 1373-61 A. J. 21103 W. 200. - EP152 J. 200.
W. AE. AG. AL. AM. M. R. AZ. BA. BB. BG. BR. BJ. BC. ÇD. CR, CU, C3, "E. DF DM, CZ, EE, ES, FI, GB. GE .E. 34. Sh, HR, HU, ID, IL, 'N, IE, JP, KE, NG, KP, KR, K2, LC, LK, 18. 1 . LT, LU. LV, MA, MD, MC. MK, MN, MW. MX, MZ, NO. HZ. +L, PT, B. RU, SD SE, 53, 1, 38, 1L TJ, TM, TR, TT, TZ, UA, 1G, TW, YU 2A, TW, AM, A2, BY KG, K2 M0, KU, TT, TM FW: GH, GM KE, 13, MW, M2, F0 SL, S2 TZ, UG, 2W, A7, FE, C4, C1. 03, 00, CE, DK ES, FI, FR, SE, GR IE, IT LU, MC, NL, PE, YE, TR, Br. TR, B:.

BJ, CE CG, CI, PM, DE CH GW, ML MR, NE, SN, TD: TG

EB.COTTELE CL 2 J1121: DB.2000-10017816 20000410

PRICEIT APPLIE. INFO:: DB.2000-10017818 A 20000410

OTHER SYNDERIE: CASEFACT 1.5:0004666

As --Council of the council of a.1 4 O4 has Feater at 80 degree, and 24( wher followed by addn. of a mixt. cf FV 3 and AroH to the reflecturier striking to give after treatment with  $h \in \mathbb{N}^{n+1}$ ness of a set drony-3-natrobipmeny). The disclosed nitration increases the just 1

1 1 AN WERT DE 9 CAPILLO CCIVRIGHT JOIZ ACS ARGEL I IN IMPERA: JOSEPH SERVE CAPILLO: ECOLOR VI NUMBER: 181. I 2546 A NOVEL TRANSPORTE .198:354.49 Cont.O. 118:.723:6 A Notel Sterendivergent Synthesis of Optically Fire c.s- ind transp. - unstituted Prolife Sezi Stives Erratum to occument cited in CA124:186:31: Sess), N. Amine; Dockmer, Michael: Claimin, Anguie; Euche, Claimin, Description Institut de Chima: des Substances Naturelles, G.f-:ur-lvette France, 91198, Pr. Jurial of Sigaric Chemistry (1997, 61(21), AUTHOR (Lit CORPORATE SOURCE: SCUR 11: 90.88 C:DEN JOCEAH, ISSN: 3022-3263 American Chemical Society Journal FLBLICHTR: Aprel van Chemical Scolety

CCOMBINE TYPE: Acural
Linding: English
FF Faue "66, column 1, lines 6-11 should read "While 5a embits a proteins,

for counterpart of 5b appears somewhat downfield centered at 6.08

electivity, and purity of 4-bygrain- DeletroLippenyl and salews resectivity, and pair , ...
CHITCHE Un of the synthesis without high dill
FRIERING COURT: I THEFE ARE I COTEC FEEEPENCES AVAILABLE ELECTION

: 19gesting cis relationship letween the allyl and the hydroxymethyl

THE ATERLIE Fig. 1-. Fig. Direction for the first control of th J. Up. 1. EUSCLI HER-DANGER THE R Englist PASEFACT 127(+1)45 т 👡 THE PART OF THE E 11 11 11

 $Ab = \alpha$  movel methods, for the synthesis of any of the 4 stereorsomers of  $\alpha$ 

of a state of the which was confirmed by seray anal

id. -di-WEP : TET -BC E.TIIN NUMBER IGENMENT NUMBER. TITLE SCENCE .FI ACCHER SCIPCE:

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COUNTY TYPE:

synthesized starting from the versatile chiral synthon (R) PhSO2CHECH(NHBoc)CH2CCH2Ph and chiral 2,3-0-isopropylidene trifiate

L3) ANSWER C CF \* CAPLUS COPYRIGHT LFG. ACC ACCESSION NUMBER: 1947-2-4831 MAPLUS CONDERN NUMBER 106-144-63 TITLE: A BOYEL Stetchildent 1967:1.0831 SAPLOS ICE:146 (): A Movel Stere:Hivergent Synthesis (1 11, 0.1) ris and trans a Substitute performe Derivativés AUTHORIBE: Sasaki, N. And er Dockmer, Michael, Chiaroni, Ange er Biche, Clauser Estier, Estier Institut de Chimie des Substances Daturelles, CORPORATE SOURCE Sit Sur Yvette France, Siles, Fr Tournal of Organic Chemistry (1987), r. c. SOURCE: COLENS JOSEANS 18888 1022 1883 Amerikan Chemina, Bossety Joseph English TAMFBAST Lie 1 6314 FORLISHER: CODUMENT TYPE: LAN STACE OTHER SOURCE S G1 40,15 of Hi

AB. A new and efficient stereogivergen method for the preph. of optically pure cish and trans-3-substituted proline derivs, is described. The

stereod.vergency is effected simply by reversing the order of

double alkylation of the chiral synthon I One-step pyriclidine formation stating from I and 2-bromoethyl tillate followed by allylation of the sifence of th

ar efficient entry into enuntiomer.cally and diaster@omerically

pure cis and trians : substituted prolines which are considered as continuously constrained .41pma -amino acids.

Li. ANSWER 5 OF 6 CAPIUS CLEOPION L. / ACS ACCESSION NUMBER: 1595:225976 CAPLUS COCUMENT NUMBER: 122:146211 TITUE: Enantiquite incolletos Enantiopure indolizationes and pyrrolizationes from maleic imide Dockmer, Michael; Meyer, Thorston: Nemes, Peter: Otton, Partina S.; Winterfeldt, Enkelard Inst. Organ. Chem., Univ. Hannover, Hannover AUTHOR (8) CORPORATE SOURCE: D-3 167, Germany Bulletin des Scriètes Chimiques Belges (1944), 103(7-8), 379-87 OOLEN: BSCBAG: ISSN: 1.37-864C Societé Chimique Belges Journal English SOURCE FUBLISHER: DOCUMENT TYPE-LANGUAGE: OTHER SOURCE S/: CASPEACT 122:1:6211



The alkylated maleic imide adducts of type I have been shown to

ego. Enghly regionalisative selectride redus. As with these compani-regioselectivity in further transformations including a theira. letro process translates directly into eranticselectivity, various cyclization

techniques were applied. The advanced cycloadducts obtained led to the

enantiopure alkaloid precursors, e.g. II, in very high yield